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**Jeremy Louis Marzuola\*** (marzuola@math.berkeley.edu), **Jason L Metcalfe** and **Daniel I Tataru** (tataru@math.berkeley.edu). *Wave packet parametrices for evolutions governed by PDO's with rough symbols.*

Under an integrability condition along the Hamilton flow for the derivatives of the symbol, we prove kernel bounds and hence well-posedness for Schrödinger-like evolution equations governed by PDO's with rough symbols. (Received July 26, 2007)